



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1324

SERIAL NUMBER 10/678,533	FILING DATE 10/03/2003  RULE	CLASS 315	GROUP ART UNIT 2828	ATTORNEY DOCKET NO. H0004388US
-----------------------------	---------------------------------------	--------------	------------------------	--------------------------------------

APPLICANTS

Steven M. Havlik, Robbinsdale, MN;  
 Ernest F. Horning, Apple Valley, MN;

\*\* CONTINUING DATA \*\*\*\*\* *NONE*  
*LP*

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *NONE*  
*LP*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 12/29/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Acknowledged	<input type="checkbox"/> Allowance <i>Markus Thibault LP</i> Examiner's Signature Initials	STATE OR COUNTRY MN	SHEETS DRAWING 5	TOTAL CLAIMS 3824	INDEPENDENT CLAIMS 5
---	--	---------------------------	------------------------	-------------------------	----------------------------

ADDRESS  
 Honeywell International, Inc.  
 Patent Services Group  
 101 Columbia Road  
 Morristown, NJ  
 07962

TITLE  
 System, apparatus, and method for driving light emitting diodes in low voltage circuits

FILING FEE  RECEIVED 1122	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
------------------------------------	---	---